Panasonic recommends Windows Vista® Business.

THE TOUGHBOOK H1

Rugged Mobile Clinical Assistant (MCA).

In your world, you have to know things they can't tell you. When the pressure is high, the hours are long, and contact with germs and viruses is inevitable, you need a reliable and secure mobile computer that can keep up with a rigorous day in the ER. The ultra-mobile-rugged Panasonic Toughbook® H1 is built specifically for the healthcare industry. This fully-sealed mobile clinical assistant device is easily sanitized to prevent the transfer of disease throughout the facility. From the hospital to home care, the Toughbook H1 runs a full Windows® OS (XP or Vista®) seamlessly in a compact and lightweight design. Plus, with long-lasting hot-swappable twin batteries, the Toughbook H1 endures demanding shifts without slowing you down.

IP65

TOUGHBOOK

Panasonic ideas for life

Panasonic recommends Windows Vista® Business.

THE NEW PANASONIC TOUGHBOOK H1.

- *Fully-rugged durability for healthcare use with sealed fanless design for easy sanitization*
- *Long-life hot-swappable twin batteries provide limitless hours of use*
- *Built-in camera, RFID reader and optional barcode reader*
- *Lightweight, ergonomic design with carry handle and hand strap*
- *Daylight-readable 10.4" dual touch display*
- *Complete range of integrated wireless features: Wi-Fi, Bluetooth®, optional Gobi™ 3G and GPS*

DURABILITY FEATURES
- Designed to meet MIL-STD-810G
- 3-foot drop rating
- IP65 certified[1]
- CCX Certified v4
- Alcohol wipe-resistant surface
- Sealed, easily sanitizable design
- Rain, spill, dust and vibration-resistant
- Integrated handle and ergonomic rubber hand strap

SOFTWARE
- Genuine Windows Vista® Business (with XP Tablet downgrade option)
- Cleaning Reminder Tool, Panasonic Dashboard, Signature Capture, Setup, Diagnostics, PC Information Viewer, Online Reference Manual, Adobe® Reader, Keyboard Button Manager, Hard Disk Data Erase Utility, Recovery DVD

CPU
- Intel® Atom™ Processor Z540
- Processor speed 1.86GHz
- 512KB L2 cache
- 533MHz FSB

STORAGE & MEMORY
- 1024MB SDRAM (DDR2) standard, expandable to 2048MB[2]
- 80GB shock-mounted drive[3]

DISPLAY
- 10.4" dual touch 1024 x 768 XGA daylight-viewable LCD
- Intel® SCH (GMA 500 video controller) max. 256MB UMA VRAM[4]
- Anti-glare, anti-reflective screen treatments
- 500 nit LCD brightness

AUDIO
- Analog Devices AD1883 compliant audio codec
- Intel® high-definition audio compliant
- Integrated speaker

KEYBOARD & INPUT
- Dual touch LCD (touchscreen and digitizer)
- Integrated stylus holder
- 74-key on-screen keyboard with dedicated Windows® key
- 3 user-defined programmable buttons (only 2 with optional barcode reader)

INTERFACE
- Docking connector — Dedicated 19-pin

WIRELESS
- Optional integrated Gobi™ mobile broadband
- Intel® Wireless WiFi Link 5100 802.11a/b/g/draft-n
- Bluetooth® v2.0 + EDR (Class 1)
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES

POWER SUPPLY
- Twin hot-swappable lithium ion battery packs (typical 2900mAh, nominal 2750mAh each battery)
- Battery operation: 6 hours[5]
- Battery charging time: 7 hours off, 10 hours on[5]
- AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply

POWER MANAGEMENT
- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS

SECURITY FEATURES
- Password Security: Supervisor, User, Hard Disk Lock
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS[6]
- Fingerprint reader
- Contactless SmartCard reader (ISO 14443 type A/B Compliant)

INTEGRATED FEATURES
- RFID reader (ISO 15693 Compliant)
- 2.0MP camera with auto focus and dual LED light
- Fingerprint reader

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT
- 10.4" (L) x 10.6" (W) x 1.3-2.3" (H)
- 3.4 lbs. (with handle, strap and both batteries)

SAFETY CERTIFICATIONS

• IT Equipment Safety (EN:EU, UL:US)	EN/IEC 60950-1 UL 60950-1
• Medical Electrical Equipment Safety (EU)	EN/IEC 60601-1 (with battery operation)
• Medical Electrical Equipment Safety (Canada)	CAN/CSA-C22.2 No.601.1-M90
• IT Equipment EMI (US)	FCC CFR 47 P.15 Sub B-Class B
• IT Equipment EMI (EU)	EN 55022/CISPR 22-Class B
• IT Equipment EMS (EU)	EN 55024
• Industrial EMI (EU)	EN 55011/CISPR 11-Class B
• Radio (US)	FCC CFR 47 P.15 Sub C
• Radio (Canada)	RSS-210
• SAR (US)	FCC CFR 47 P.2

INTEGRATED OPTIONS[7]
- 2D barcode reader (reads 1D and 2D)
- Gobi™ mobile broadband (EV-DO Rev. A, HSPA)
- Global positioning system (GPS) receiver

ACCESSORIES[7]

• AC Adapter (3-pin)	CF-AA1633AM
• 4-bay Battery Charger	CF-VCBU11U
• Lithium Ion Battery Pack	CF-VZSU53W
• Replacement Stylus (with tether hole & pocket clip)	CF-VNP016U
• InfoCase H1 Shoulder Strap	TMH1-SS-P
• Desktop Cradle / Spare 2-Bay Battery Charger	CF-VEBH11U
• 10.4" LCD Protector Film	CF-VPF13U
• Gamber Johnson Universal Mounting Solutions Full Connectivity	7160-0166
• Gamber Johnson Universal Mounting Solutions (no electronics)	7160-0167

Please consult your reseller or Panasonic representative before purchasing.

[1]Tested by a national independent third party test lab following IEC 60529 Sections 13.4, 13.6.2, 14.2.5 and 14.3 for IP65. Stylus has passed IP65 testing but has not been certified.

[2]Total usable memory will be less depending upon actual system configuration.

[3]1GB = 1,000,000,000 bytes.

[4]Max with standard RAM. The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM.

[5]Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery testing results from MobileMark 2007.

[6]Requires software and activation to enable theft protection.

[7]Accessories and Integrated Options may vary depending on your configuration.

1.800.662.3537 / panasonic.com/toughbook/H1

Financing options now available from Panasonic Finance Solutions; please call number above for more details.

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